

Title (en)  
CONNECTOR ASSEMBLY AND WATERPROOF CAP

Title (de)  
VERBINDERANORDNUNG UND WASSERDICHT KAPPE

Title (fr)  
ENSEMBLE CONNECTEUR ET CAPUCHON ÉTANCHE À L'EAU

Publication  
**EP 4181324 B1 20240214 (EN)**

Application  
**EP 22195922 A 20220915**

Priority  
JP 2021184873 A 20211112

Abstract (en)  
[origin: EP4181324A1] A connector assembly includes a connector, a housing having an insertion port, and a waterproof cap detachably attached to the housing to close the insertion port, the waterproof cap having a cap body, a first protruding portion continuously surrounding an entire periphery of an outer peripheral surface of the cap body, and a second protruding portion disposed on a front end side of the cap body in a fitting direction from a position at which the first protruding portion is disposed, when the waterproof cap is attached to the housing, the first protruding portion being press-fitted to the insertion port and contacting an entire periphery of an inner peripheral surface of the insertion port while being elastically compressed, the second protruding portion being inserted into the connector and contacting at least two inner surfaces of the connector facing each other while being elastically compressed.

IPC 8 full level  
**H01R 13/52** (2006.01); **H01R 13/443** (2006.01)

CPC (source: CN EP US)  
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Designated contracting state (EPC)  
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